**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L3 | 1 | "10552149" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/12/15 17:48 |
| S1 | 22 | transmi$5 data (basestation or base-station or "base station") ((radio adj network adj control$3) or "RNC") ((error or fail$4 or bad or faulty or low) near (transmi$5 or reception or receiv$3 or stream$3) near (quality or good or optim$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/06 09:14 |
| S2 | 973 | 455/452.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/06 09:16 |
| S3 | 1 | S1 S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/06 09:16 |
| S4 | 290 | "CRNC" "SRNC" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/06 09:18 |
| S5 | 43 | S4 and "455" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/06 09:18 |
| S6 | 6 | S4 and 455/452.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/06 09:21 |
| S7 | 2 | ((ANDREAS) near2 (FREY)).INV. | USPAT | AND | ON | 2008/06/06 09:38 |
| S8 | 9 | ((JUERGEN) near2 (MAYER)).INV. | USPAT | AND | ON | 2008/06/06 09:39 |
| S9 | 1 | ((LARS) near2 (WEHMEIER)).INV. | USPAT | AND | ON | 2008/06/06 09:39 |

| S10 | 22 | transmi$5 data (basestation or base-station or "base station") ((radio adj network adj control$3) or "RNC") ((error or fail$4 or bad or faulty or low) near (transmi$5 or reception or receiv$3 or stream$3) near (quality or good or optim$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 09:33 |
|-----|-----|-----|-----|-----|-----|-----|
| S14 | 4 | ("20020160781" \| "6519461").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 13:42 |
| S16 | 1226 | ("CRNC" or "RNC" or controller) with (base $1station or "SRNC") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:44 |
| S17 | 681311 | (signal near$5 first near$5 second) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:45 |
| S18 | 184 | S16 S17 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:45 |
| S19 | 233906 | data near$5 rate transmi$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:46 |
| S20 | 126 | S18 S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:46 |
| S21 | 89 | S20 ("common channel" or (single near$5 channel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:48 |
| S22 | 89 | S21 and (quality or (required near$5 transmission)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:54 |

| S23 | 21 | S21 and (quality or (required near$5 transmission)) and timer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:55 |
| S24 | 9 | S23 @py<="2006" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 14:55 |
| S25 | 1455 | 455/452.2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 15:02 |
| S26 | 212 | S25 timer | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 15:02 |
| S27 | 130 | S26 quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 15:02 |
| S30 | 43 | S27 @py<="2005" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/12 15:05 |
| S34 | 2 | "20050239460" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 12:04 |
| S36 | 1229 | ("CRNC" or "RNC" or controller) with (base $1station or "SRNC") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 14:19 |
| S37 | 157395 | (common adj channel) or (shar$4 near$5 channel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 14:19 |
| S45 | 1301 | transmission near$5 rate (contract or agre$6) switch $4 "455".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 18:20 |

| S46 | 1067 | S45 agre$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 18:20 |
| S47 | 113 | S45 agre$7 with subscriber | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 18:21 |
| S48 | 62 | S45 agre$7 with subscriber packet near$5 data | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/16 18:23 |
| S49 | 2 | subsciber (contract or plan) agre$5 (data near$4 rate) (phone near$5 service) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/17 09:05 |
| S50 | 2 | subsciber agre$5 (data near$4 rate) (phone near $5 service) "455".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/17 09:08 |
| S51 | 260 | ("20010009849" \| "20010041567" \| "20010044293" \| "20020004380" \| "3453389" \| "3652795" \| "3654396" \| "3676597" \| "3692946" \| "3693156" \| "3697693" \| "3718764" \| "3731000" \| "3818455" \| "3838225" \| "3852571" \| "3892948" \| "3920908" \| "3938091" \| "4007339" \| "4086439" \| "4162377" \| "4191860" \| "4224472" \| "4243841" \| "4264956" \| "4277649" \| "4300041" \| "4310726" \| "4332985" \| "4351028" \| "4399330" \| "4400587" \| "4410765" \| "4439636" \| "4506116" \| "4517412" \| "4518824" \| "4587379" \| "4594663" \| "4595983" \| "4611096" \| "4680785" \| "4698752" \| "4755872" \| "4756020" \| "4776000" \| "4776003" \| "4776033" \| "4777646" \| "4777647" \| "4791640" \| "4813065" \| "4831647" \| "4845740" \| "4852149" \| "4852155" \| "4860336" \| | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:09 |

```
"4860341" | "4879744" |
"4893330" | "4897870" |
"4899373" | "4901340" |
"4930150" | "4930154" |
"4935956" | "4942598" |
"4951308" | "4955049" |
"4958368" | "4965821" |
"4979207" | "4984290" |
"4996705" | "5003585" |
"5003595" | "5007077" |
"5008929" | "5014301" |
"5040177" | "5046088" |
"5063588" | "5068891" |
"5103449" | "5127040" |
"5128938" | "5134646" |
"5138648" | "5144649" |
"5159625" | "5161181" |
"5164923" | "5185781" |
"5185782" | "5192947" |
"5216703" | "5220593" |
"5222120" | "5222125" |
"5233642" | "5243643" |
"5268958" | "5272747" |
"5274802" | "5276444" |
"5276731" | "5282243" |
"5289528" | "5301223" |
"5301234" | "5301246" |
"5303285" | "5309501" |
"5311569" | "5311572" |
"5319699" | "5321735" |
"5325418" | "5327144" |
"5327482" | "5327485" |
"5329578").PN. OR
("5339352" | "5341414" |
"5345498" | "5345595" |
"5352876" | "5359182" |
"5359643" | "5365575" |
"5369699" | "5371493" |
"5377267" | "5381467" |
"5384825" | "5384831" |
"5396545" | "5396558" |
"5404580" | "5408513" |
"5408519" | "5409092" |
"5418844" | "5423068" |
"5426634" | "5428677" |
"5438615" | "5448627" |
"5450479" | "5465289" |
"5465293" | "5467388" |
"5469496" | "5473681" |
"5477038" | "5485505" |
"5495521" | "5502761" |
"5504808" | "5509056" |
"5511114" | "5517559" |
"5524146" | "5526401" |
"5526413" | "5544227" |
"5544229" | "5546444" |
"5546446" | "5550897" |
"5550899" | "5553120" |
```

| | | "5555290" \| "5559871" \| "5561706" \| "5561707" \| "5561854" \| "5572583" \| "5577101" \| "5577109" \| "5577110" \| "5579375" \| "5579376" \| "5579379" \| "5583918" \| "5583920" \| "5592535" \| "5592537" \| "5602906" \| "5606602" \| "5608778" \| "5610972" \| "5610973" \| "5625669" \| "5631947" \| "5646839" \| "5657377" \| "5673299" \| "5673306" \| "5675607" \| "5677945" \| "5684863" \| "5689552" \| "5692037" \| "5694455" \| "5708702" \| "5719926" \| "5721768" \| "5727057" \| "5732131" \| "5732346" \| "5737701" \| "5748720" \| "5752186" \| "5758281" \| "5778313" \| "5781855" \| "5787156" \| "5793846" \| "5794144" \| "5797097" \| "5814798" \| "5815551" \| "5815561" \| "5819176" \| "5828734" \| "5845211" \| "5850518" \| "5850599" \| "5864604" \| "5873043" \| "5898762" \| "5909485" \| "5917893" \| "5940755" \| "5946380" \| "5960416" \| "5987118" \| "5991413" \| "6003770" \| "6016344" \| "6029062" \| "6035021" \| "6044135" \| "6044265" \| "6047179" \| "6064875").PN. OR ("6075982" \| "6101378" \| "6108537" \| "6125275" \| "6154648" \| "6208851" \| "6226364" \| "6308067" \| "6314171" \| "6324394" \| "6330443").PN. | | | | |
| S52 | 54 | data$1casting (transmission near$5 rate) data internet (cell$phone or mobile or subscriber) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:27 |
| S53 | 10 | S52 and "455".clas. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:27 |
| S54 | 22951 | (transmission near$5 rate) data internet (cell$phone or mobile or subscriber) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:29 |
| S55 | 3725 | S54 and "455".clas. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:29 |

| S56 | 672 | S55 agre$6 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:29 |
|---|---|---|---|---|---|---|
| S57 | 415 | S56 and check$3 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:32 |
| S58 | 7024 | (check$3 or test$3) near$5 ((transmi$5 near$5 rate) or "QoS" or "quality of service") "455".clas. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:42 |
| S59 | 1031 | S58 agre$6 | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 09:42 |
| S60 | 1017 | S58 agre$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 09:43 |
| S61 | 356 | S60 transmission quality service subscriber | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 09:44 |
| S62 | 198 | S61 @py< = "2005" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 09:44 |
| S64 | 979 | 455/452.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 11:39 |
| S65 | 5 | S64 and S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 11:39 |
| S66 | 2657 | 370/329.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 13:28 |
| S67 | 8 | S66 S61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 13:28 |
| S68 | 145 | provi$5 with multiple with user$1 with rate$1 data transmission | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 13:37 |
| S70 | 1900 | 370/229.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 13:58 |
| S72 | 171 | 370/229.ccls. and ((common near$2 channel) or "dedicated channel") | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 14:17 |
| S73 | 38 | S72 agre$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 14:17 |
| S74 | 252 | "455".clas. agre$6 "common channel" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 14:19 |
| S75 | 155 | S74 @py< = "2005" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 14:20 |

| S76 | 11 | "455".clas. agre$6 "common channel" "SRNC" "CRNC" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2008/06/17 15:06 |
|---|---|---|---|---|---|---|
| S77 | 8 | ("20020159410" \| "4573206" \| "6643272" \| "6654922" \| "6697347" \| "6731623" \| "6925561" \| "7020126").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/06/17 15:26 |
| S78 | 987 | transmi$5 data (basestation or base-station or "base station") ((radio adj network adj control$3) or "RNC") ((error or fail$4 or bad or faulty or low) near$5 (transmi$5 or reception or receiv$3 or stream$3) near $5 (quality or good or optim$6)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:12 |
| S79 | 63213 | data near5 rate near5 transmi$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:27 |
| S80 | 723 | transmission near5 rate (contract or agre$6) switch $4 "455".clas. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:28 |
| S84 | 427 | S80 S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:32 |
| S86 | 275 | S84 @py<="2005" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:33 |
| S87 | 115 | S86 threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:33 |
| S88 | 37 | S87 ((count$3 or test$4) number subscriber$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:35 |
| S89 | 3 | "quality of service" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:38 |

| S90 | 12 | S80 "CRNC" "SRNC" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 16:42 |
|---|---|---|---|---|---|---|
| S91 | 588 | measur$4 (bad near4 transmission) or (low near4 quality ) subscriber "CRNC" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:08 |
| S92 | 3 | S80 S91 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:14 |
| S93 | 74 | S80 "common channel" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:15 |
| S94 | 6 | S93 "CRNC" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:15 |
| S95 | 6 | S93 "CRNC" "SRNC" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:16 |
| S97 | 176 | "CRNC" "SRNC" transmi$6 quality | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:17 |
| S98 | 72 | S97 "common channel" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:18 |
| S99 | 70 | S98 (subscriber$1 or user $1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/18 17:18 |
| S103 | 4061 | ((packet near5 transmission)same rate) ((traffic or conges$) near5 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:22 |

| S104 | 1167 | S103 (common or shar$4) near4 channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:24 |
| S105 | 228 | S104 measur$6 near5 (traffic or volume) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:24 |
| S106 | 166 | S105 (quality near4 (transmi$6 or service)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:26 |
| S107 | 162 | S106 (cell$1phone or mobile or radio or "UE" or station or wireless) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:30 |
| S108 | 81 | S107 @py<="2006" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:31 |
| S110 | 2 | "6574211".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/20 14:34 |
| S113 | 5 | (measur$7 near3 quality near4 (shared near channel) ) with (subscriber or user or station or phone or mobile ) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2008/11/26 09:40 |
| S114 | 4 | "0201897" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 10:50 |
| S115 | 10182 | (Cql or (channel adj quality)) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 16:56 |
| S116 | 53 | ((BTS or nodeB) with report $4 with RNC) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 16:57 |
| S117 | 0 | S116 same S115 | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 16:57 |
| S118 | 0 | S115 same S116 | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 16:57 |
| S119 | 7 | S116 S115 | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 16:57 |

| S120 | 1636 | (((channel or transmission) near quality) or QoS) (measurement near2 report $3) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:29 |
| S121 | 352700 | identi$7 near4 (UE or user or subscriber or unit or mobile or cellular or (wireless adj (device or terminal))) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:31 |
| S122 | 671 | S121 S120 | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:31 |
| S123 | 499 | S122 ((quality or QoS) same (threshold or criter$4 or condition or level or predetermined)) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:33 |
| S124 | 421 | S122 ((quality or QoS) with (threshold or criter$4 or condition or level or predetermined)) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:33 |
| S125 | 360 | S122 ((quality or QoS) near5 (threshold or criter $4 or condition or level or predetermined)) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:33 |
| S126 | 128 | S125 RNC | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:33 |
| S127 | 51 | S126 @py<="2005" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:34 |
| S128 | 7 | S127 CQI | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 17:36 |
| S129 | 6 | ("2003/0031119").URPN. | USPAT | AND | ON | 2009/07/09 18:02 |
| S130 | 628 | (user or UE or terminal or phone or cellular or mobile or subscriber) near3 (bad or low$3 or unsatisfactory or mediocre ) near3 (quality or QoS) | USPAT | AND | ON | 2009/07/09 18:23 |
| S131 | 7 | S130 CQI | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 18:23 |
| S132 | 13 | S130 (((measurement or measur$) near3 (report$4 or indicat$4)) with (channel near (quality or QoS or condition))) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 18:34 |

| S133 | 929 | (user or UE or terminal or phone or cellular or mobile or subscriber) near3 (bad or deterior$6 or low$3 or unsatisfactory or mediocre ) near3 (quality or QoS) | USPAT | AND | ON | 2009/07/09 19:50 |
|------|-----|-----|------|-----|-----|------|
| S134 | 13 | S133 (((measurement or measur$) near3 (report$4 or indicat$4)) with (channel near (quality or QoS or condition))) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 19:53 |
| S135 | 10 | "1069790" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/09 20:14 |
| S136 | 1636 | (((channel or transmission) near quality) or QoS) (measurement near2 report $3) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:49 |
| S137 | 352700 | identi$7 near4 (UE or user or subscriber or unit or mobile or cellular or (wireless adj (device or terminal))) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:49 |
| S138 | 671 | S137 S136 | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:49 |
| S139 | 499 | S138 ((quality or QoS) same (threshold or criter$4 or condition or level or predetermined)) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:49 |
| S140 | 71 | S139 RNC @py<="2005" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:49 |
| S141 | 1485 | RNC ((((channel or transmission) near quality) or QoS) same (threshold or criter$4 or condition or level or predetermined)) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:57 |
| S142 | 556 | S141 identi$7 near4 (UE or user or subscriber or unit or mobile or cellular or (wireless adj (device or terminal))) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:57 |
| S143 | 193 | S142 @py<="2005" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/10 12:58 |
| S144 | 2 | "20090093243" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/15 17:02 |
| S145 | 2 | "20030161343" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/15 17:54 |

| S148 | 31 | OQI same (threshold or condition or level) RNC | USPAT | AND | ON | 2009/07/16 17:44 |
| S149 | 5 | OQI same threshold same RNC | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2009/07/16 17:45 |
| S150 | 534 | report$4 with (RNC or BSC) | USPAT | AND | ON | 2009/07/16 17:45 |
| S151 | 0 | S150 S149 | USPAT | AND | ON | 2009/07/16 17:45 |
| S152 | 14 | report$4 with (RNC BSC) | USPAT | AND | ON | 2009/07/16 17:46 |
| S153 | 223 | report$4 near7 (SNR or strength or quality or Qos or measurement) near7 (node or BTS or BS or (base adj station)) near9 (transmi$6 or transfer$5 or redirect$6 or forward$5 or sen$4 or available) near8 (RNC or controller or MSC) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 16:22 |
| S154 | 250 | (sen$5 or transmi$6 or report$4 or transfer$5) near5 (calculat$6 or measur$5 or estimat$5 or comput$5 ) near8 (quality or SNR or strength or QoS) near8 (node or (base adj station ) or BTS or BS) near10 (RNC or MCS or controller) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 18:57 |
| S155 | 38 | S154 (common adj2 channel) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 18:57 |
| S156 | 1 | "7039441".pn. | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 19:03 |
| S157 | 51 | S154 ((common or broadcast$4) adj2 channel) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 19:08 |
| S158 | 122 | S154 @py<= "2004" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 19:10 |
| S159 | 21 | S158 ((common or broadcast$4) adj2 channel) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 19:10 |
| S160 | 2 | "20030161343" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 19:30 |
| S161 | 2 | ("2003/0161343").URPN. | USPAT | AND | ON | 2010/01/26 19:30 |

| S162 | 2 | "20030161343" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 19:43 |
| S163 | 1 | "10552149" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 20:18 |
| S164 | 1 | ((common adj2 channel ) near4 quality near8 (threshold or level or agreed or Qos or bad or unsatisfactory or inadequate or mediocre or adequate or criteri$2 or requirement)) same (node or BTs or BS or (base adj station)) same (CRNC or SRNC or RNC) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/01/26 20:39 |
| S165 | 1 | "10552149" | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/11/08 08:36 |
| S166 | 791 | (user or UE or terminal or phone or cellular or mobile or subscriber) with (((measurement or measur$) near3 (report$4 or indicat$4 or tak$3 or perform$4 or estimat$4 or calculat$5)) with (channel near (quality or QoS or condition or level or threshold or strength))) | US-PGPUB; USPAT; EPO; DERWENT | AND | ON | 2010/12/14 18:25 |
| S167 | 8 | S166 ("CRNC" or "RNC" or controller) with (base $1station or "SRNC") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/12/14 18:26 |

**12/15/2010 5:54:59 PM**
**C:\ Documents and Settings\ ichakour\ My Documents\ EAST\ Workspaces\ 10552149.wsp**